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**Notice of Allowability**

Application No.

10/092,168

Examiner

Li B. Zhen

Applicant(s)

SATULOORI ET AL.

Art Unit

2194

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response filed 11/20/2007 and interview on 12/12/2007.
2. ☒ The allowed claim(s) is/are 1-10, 12, 14, 16-23, 25, 27-37, 39, 41-50 and 52; renumbered as claims 1-44.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application  |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>12/12/2007</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment  |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                           |
|  | 9. <input type="checkbox"/> Other _____  |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert C. Kowert on 12 December 2007.

The application has been amended as follows:

- a. Claim 1, line 3, insert after "computer-accessible" with --storage--;
- b. Claim 1, line 4, replace "is configured to store" with --stores--;
- c. Claim 4, line 3, insert after "computer-accessible" with --storage--;
- d. Claim 5, line 3, insert after "computer-accessible" with --storage--;
- e. Claim 17, line 4, insert after "computer-accessible" with --storage--;
- f. Claim 32, line 3, insert after "computer-accessible" with --storage--;
- g. Claim 33, line 3, insert after "computer-accessible" with --storage--;
- h. Claim 39, line 1, replace "claim 26" with --claim 27--; and
- i. Claim 41, line 2 replace "comprising" with --storing--.

### REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

The prior art of record, specifically U.S. Patent Application Publication No. 2003/0023953 to Lucassen et al. and U.S. Patent Application Publication No.

2002/0104067, does not expressly teach or render obvious the invention as recited in independent claims 1, 14, 27 and 41.

The prior art teaches one or more application modules [p. 11, paragraph 0105 of Lucassen], wherein at least a first one of the application modules comprises a first dynamic component [p. 11 – 12, paragraph 0107 of Lucassen] and a static component [p. 11, paragraph 0105 of Lucassen], wherein the first dynamic component and the static component are configured to function according to an initial set of requirements for the application [pp. 4 – 5, paragraph 0041 of Lucassen], determining whether the new set of requirements includes changes from the initial set of requirements [p. 5, paragraph 0060 of Green] and if the new set of requirements includes changes from the initial set of requirements [p. 12, paragraph 0150 of Green], generate a second dynamic component to replace the first dynamic component in the application [p. 5, paragraph 0060 of Green and p. 3, paragraph 0029 of Lucassen] wherein the dynamic component generator is configured to generate the second dynamic component to replace the first dynamic component [p. 5, paragraph 0060 of Green] by modifying or overwriting the first dynamic component [p. 5, paragraph 0060 of Green]. However, the prior art does not teach the dynamic component is a dynamic data model configured to function dependent upon the application data representation and according to a current set of application requirements in response to the user input, a new set of requirements indicates a change to the application data representation, and the dynamic component generator is configured to generate a new dynamic data model in response to the change to the application data representation.

In addition, it is not believed to have been within the level of one of ordinary skill in the art at the time of the invention to modify or integrate the system of the prior art to incorporate the features a dynamic component that is a dynamic data model configured to function dependent upon the application data representation and according to a current set of application requirements in response to the user input, a new set of requirements indicates a change to the application data representation, and the dynamic component generator that is configured to generate a new dynamic data model in response to the change to the application data representation as recited in the context of independent claims 1, 14, 27 and 41.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **CONTACT INFORMATION**

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li B. Zhen whose telephone number is (571) 272-3768. The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on 571-272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Li B. Zhen  
Primary Examiner  
Art Unit 2194

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